

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 TOOKER, D.W. Iowa Electric Light & Power Co.  
 RECIP. NAME RECIPIENT AFFILIATION  
 Region 3, Chicago, Office of the Director

SUBJECT: LER 80-028/01T-0: on 800712, during IE Bulletin 80-17 reactor  
 scram testing, scram discharge vol drain valve CV-1867 would  
 not seal against reactor pressure. Caused by installation  
 problem. Valve was reoriented in accordance w/plant design.

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	<u>REG FILE</u> 01	1	1	REL & RISK A BR	1	1
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[0][1] | I A D A C 1 | [2] | 0 0 0 - 0 0 0 0 0 0 0 - 0 0 0 | [3] | 4 | [4] | [ ] | [5]

CONT

[0][1] | REPORT SOURCE | L | [6] | 0 1 5 0 1 0 | 0 3 3 1 | [7] | 0 1 7 1 1 2 8 | 0 | [3] | 0 7 2 5 8 | 0 | [9]

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

[0][2] | On July 12, 1980 during the IE Bulletin 80-17 reactor scram testing, it

[0][3] | was determined that the scram discharge volume drain valve CV-1867 would

[0][4] | not seal against reactor pressure. This condition created the potential

[0][5] | for excessive leakage to the closed radwaste sump system until the scra

[0][6] | m is reset. Manual operator on the valve provided backup isolation capa

[0][7] | bility. Reference Technical Specification 3.6.G. No similar event repo

[0][8] | rts have been submitted.

[0][9] | SYSTEM CODE | R B | [11] | CAUSE CODE | B | [12] | CAUSE SUBCODE | C | [13] | COMPONENT CODE | V A L V E X | [14] | COMP. SUBCODE | F | [15] | VALVE SUBCODE | P | [16]

[17] | LER/RO REPORT NUMBER | 8 0 | EVENT YEAR | 8 0 | SEQUENTIAL REPORT NO. | 0 2 8 | OCCURRENCE CODE | 0 1 | REPORT TYPE | T | REVISION NO. | 0

ACTION TAKEN | X | [18] | FUTURE ACTION | Z | [19] | EFFECT ON PLANT | Z | [20] | SHUTDOWN METHOD | Z | [21] | HOURS | 0 0 0 0 | [22] | ATTACHMENT SUBMITTED | Y | [23] | NPRO-4 FORM SUB. | N | [24] | PRIME COMP. SUPPLIER | N | [25] | COMPONENT MANUFACTURER | B 2 9 5 | [26]

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

[1][0] | Installation problem. Investigation revealed the Black, Sivalls, and Bry

[1][1] | son Inc. 2 inch air operated globe valve had been installed backwards du

[1][2] | ring plant construction. The valve was re-oriented in accordance with pl

[1][3] | ant design documents. The SDV was hydrotested and new welds were liquid

[1][4] | penetrant examined. No further corrective action is planned.

[1][5] | FACILITY STATUS | X | [28] | % POWER | 0 0 0 0 | [29] | OTHER STATUS | SPECIAL TESTING | [30] | METHOD OF DISCOVERY | C | [31] | DISCOVERY DESCRIPTION | Bulletin 80-17 related scram tests | [32]

[1][6] | ACTIVITY | Z | [33] | CONTENT | Z | [34] | AMOUNT OF ACTIVITY | NA | [35] | LOCATION OF RELEASE | NA | [36]

[1][7] | PERSONNEL EXPOSURES | 0 0 0 0 | [37] | TYPE | Z | [38] | DESCRIPTION | NA | [39]

[1][8] | PERSONNEL INJURIES | 0 0 0 0 | [40] | DESCRIPTION | NA | [41]

[1][9] | LOSS OF OR DAMAGE TO FACILITY | Z | [42] | TYPE | NA | [43] | DESCRIPTION | NA | [44]

[2][0] | PUBLICITY | Y | [44] | DESCRIPTION | July 14 News release to local radio, TV, and newspapers | [45] | NRC USE ONLY

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8008040170

DUANE ARNOLD ENERGY CENTER  
Iowa Electric Light and Power Company  
Licensee Event Report - Supplemental Data  
Docket No. 050-0331

Licensee Event Report Date: 7-25-80

Reportable Occurrence No: 80-028

On July 12, 1980 during the IE Bulletin No. 80-17 related reactor scram testing, it was determined that the scram discharge volume (SDV) drain valve CV-1867 would not seal against reactor pressure. This condition created the potential for excessive leakage to the closed radwaste sump system until the scram is reset. Manual operator on the valve provided backup isolation capability. The drain valve is a Black, Sivalls, and Bryson, Inc., 2 inch, air opened spring and flow assisted closed globe valve. Reference Technical Specification 3.6.G No similar event reports have been submitted.

Cause Description

Installation problem. Subsequent investigation revealed that the drain valve had been installed backwards during plant construction.

Corrective Action

The drain valve was removed from the drain line and re-oriented in accordance with plant design documents while the plant was in a cold shutdown condition on July 16, 1980. Subsequently the SDV was hydrotested at 1500 psig. The new welds were liquid penetrant examined satisfactorily. The drain valve CV-1867 was functionally tested at 1000 psig satisfactorily. No further corrective action is planned at this time.